

CLAIMS

I claim:

1. An iceberg lettuce plant, and the parts thereof, comprising a first outer leaf having a length to width ratio between about 1.2 to about 2.7.
2. An iceberg lettuce plant and the parts thereof according to claim 1 having a spatulate leaf shape.
3. An iceberg lettuce plant and the parts thereof according to claim 1 having an elliptical stature.
4. An iceberg lettuce plant and the parts thereof according to claim 1, further comprising an outer leaf having a color which ranges from about RHS 146A to about RHS146B.
5. An iceberg lettuce plant and the parts thereof according to claim 4, further comprising a blanched inner leaf color, ranging from about RHS 145C to about RHS 145D.
6. An iceberg lettuce plant and the parts thereof according to claim 1, further comprising a semi-open head.
7. An iceberg lettuce plant and the parts thereof according to claim 1, further comprising resistance to one or more of the following diseases: corky root and lettuce mosaic virus.
8. A method of producing an iceberg lettuce having a first outer leaf with a length to width ratio of about 1.2 to about 2.7 comprising:
 - a) crossing an iceberg lettuce with a romaine lettuce to produce hybrid seed;
 - b) growing said hybrid seed to produce a hybrid plant;
 - c) selfing said hybrid seed to produce F₂ progeny seed;
 - d) growing said F₂ progeny seed to produce F₂ plants; and
 - e) selecting said F₂ plants for expression of one or more characteristics selected from the group consisting of: length to width ratio greater than 1.0, spatulate leaf shape, semi-open head, and elliptical stature, resistance to corky root rot, resistance to lettuce mosaic virus, and plant height.

9. The method of claim 8, further comprising:
 - f) crossing said selected plant with itself or another lettuce plant to yield iceberg lettuce progeny seed;
 - g) growing said progeny seed of step (f) under plant growth conditions to yield progeny plants; and
 - h) repeating the crossing and growing steps of (f) and (g) from 0 to 7 times to generate further iceberg lettuce plants which express one or more of the following characteristics selected from the group consisting of: length to width ratio greater than 1.0, spatulate leaf shape, elliptical stature, semi-open head, resistance to corky root rot, resistance to lettuce mosaic virus and plant height.
10. A *Lactuca sativa* L. seed designated PSR 4569, representative seed having been deposited with the American type Culture Collection under accession number _____.
11. A *Lactuca sativa* L. plant, or parts thereof, produced by growing the seed of claim 10.
12. A *Lactuca sativa* L. plant, or parts thereof, having all the physiological and morphological characteristics of the *Lactuca sativa* L. plant of claim 10.
13. An F₁ hybrid *Lactuca sativa* L. plant, and parts thereof, having PSR 4569 as a parent.
14. Seed produced by growing the hybrid plant of claim 13.
15. Iceberg lettuce plants, or parts thereof, wherein at least one ancestor of said lettuce plant is the lettuce plant of claim 11 and wherein said plant expresses at least one of the following traits selected from the group consisting of: spatulate leaf shape, elliptical stature, length to width ratio of about 1.2 to about 2.7.
16. A method for producing a PSR 4569-derived lettuce plant, comprising:
 - a) crossing lettuce variety PSR 4569, representative seed of said line having been deposited under ATCC accession number _____, with a second lettuce plant to yield progeny lettuce seed; and
 - b) growing said progeny lettuce seed, under plant growth conditions, to yield said PSR 4569-derived lettuce plant.

17. A PSR 4569-derived lettuce plant, or parts thereof, produced by the method of claim 16, said PSR 4569-derived lettuce plant expressing a combination of at least two traits selected from the group consisting of: length to width ratio of about 1.2 to about 1.8, spatulate leaf shape, elliptical stature, semi-open head formation, resistance to corky root rot and resistance to lettuce mosaic virus.
18. A *Lactuca sativa* L. seed designated PSR 4570, representative seed having been deposited with the American type Culture Collection under accession number _____.
19. A *Lactuca sativa* L. plant, or parts thereof, produced by growing the seed of claim 18.
20. A *Lactuca sativa* L. plant, or parts thereof, having all the physiological and morphological characteristics of the *Lactuca sativa* L. plant of claim 18.
21. An F₁ hybrid *Lactuca sativa* L. plant, and parts thereof, having PSR 4570 as a parent.
22. Seed produced by growing the hybrid plant of claim 21.
23. Iceberg lettuce plants, or parts thereof, wherein at least one ancestor of said lettuce plant is the lettuce plant of claim 19 and wherein said plant expresses at least one of the following traits selected from the group consisting of: spatulate leaf shape, elliptical stature, length to width ratio of about 1.2 to about 2.7.
24. A method for producing a PSR 4570-derived lettuce plant, comprising:
 - a) crossing lettuce variety PSR 4570, representative seed of said line having been deposited under ATCC accession number _____, with a second lettuce plant to yield progeny lettuce seed; and
 - b) growing said progeny lettuce seed, under plant growth conditions, to yield said PSR 4570-derived lettuce plant.
25. A PSR 4570-derived lettuce plant, or parts thereof, produced by the method of claim 24, said PSR 4570-derived lettuce plant expressing a combination of at least two traits selected from the group consisting of: length to width ratio of about 1.2 to about 1.8, spatulate leaf shape, elliptical stature, semi-open head formation, resistance to corky root rot and resistance to lettuce mosaic virus.

26. A *Lactuca sativa* L. seed selected from the group consisting of PSR 6425; PSR 6595; PSR 6032, representative seed having been deposited with the American type Culture Collection under accession number _____.
27. A *Lactuca sativa* L. plant, or parts thereof, produced by growing the seed of claim 26.
28. A *Lactuca sativa* L. plant, or parts thereof, having all the physiological and morphological characteristics of the *Lactuca sativa* L. plant of claim 26.
29. An F₁ hybrid *Lactuca sativa* L. plant, and parts thereof, having one or more parents selected from the group consisting of: PSR 6425, PSR 6595 and PSR 6032.
30. Seed produced by growing the hybrid plant of claim 29.
31. Iceberg lettuce plants, or parts thereof, wherein at least one ancestor of said lettuce plant is the lettuce plant of claim 27 and wherein said plant expresses at least one of the following traits selected from the group consisting of: spatulate leaf shape, elliptical stature, length to width ratio of about 1.2 to about 2.7.
32. A method for producing a PSR 6425-derived lettuce plant, comprising:
 - a) crossing lettuce variety PSR 6425, representative seed of said line having been deposited under ATCC accession number _____, with a second lettuce plant to yield progeny lettuce seed; and
 - b) growing said progeny lettuce seed, under plant growth conditions, to yield said PSR 6425-derived lettuce plant.
33. A PSR 6425-derived lettuce plant, or parts thereof, produced by the method of claim 32, said PSR 6425-derived lettuce plant expressing a combination of at least two traits selected from the group consisting of: length to width ratio of about 1.2 to about 1.8, spatulate leaf shape, elliptical stature, semi-open head formation, resistance to corky root rot and resistance to lettuce mosaic virus.
34. A method for producing a PSR 6595-derived lettuce plant, comprising:
 - a) crossing lettuce variety PSR 6595, representative seed of said line having been deposited under ATCC accession number _____, with a second lettuce plant to yield progeny lettuce seed; and

- b) growing said progeny lettuce seed, under plant growth conditions, to yield said PSR 6595-derived lettuce plant.
35. A PSR 6595-derived lettuce plant, or parts thereof, produced by the method of claim 34, said PSR 6595-derived lettuce plant expressing a combination of at least two traits selected from the group consisting of: length to width ratio of about 1.7 to about 2.6, spatulate leaf shape, elliptical stature, semi-open head formation, resistance to corky root rot and resistance to lettuce mosaic virus.
36. A method for producing a PSR 6032-derived lettuce plant, comprising:
- a) crossing lettuce variety PSR 6032, representative seed of said line having been deposited under ATCC accession number _____, with a second lettuce plant to yield progeny lettuce seed; and
 - b) growing said progeny lettuce seed, under plant growth conditions, to yield said PSR 6032-derived lettuce plant.
37. A PSR 6032-derived lettuce plant, or parts thereof, produced by the method of claim 36, said PSR 6032-derived lettuce plant expressing a combination of at least two traits selected from the group consisting of: length to width ratio of about 1.6 to about 2.5, spatulate leaf shape, elliptical stature, semi-open head formation, resistance to corky root rot and resistance to lettuce mosaic virus.